

BACHELORS DEGREE PROGRAMME

Term-End Examination

December, 2010

ELECTIVE COURSE : PHILOSOPHY

BPY-002 : LOGIC : CLASSICAL AND SYMBOLIC

Time : 3 hours

Maximum Marks : 100

Note : (i) Answer all five questions.

(ii) All questions carry equal marks.

(iii) Answer to question no. 1 and 2 should be in about 300 words each.

1. How is Logic related to other branches of learning ? 20

OR

Differentiate between deductive arguments and inductive arguments. 20

2. Discuss the history of logic and proposition. 20

OR

Distinguish between categorical syllogism and conditional syllogism. 20

3. Answer *any two* of the following in about 200 words each.
- (a) What do you understand by a normative science ? Is logic a science or art ? 10
 - (b) What is dilemma and how can it be avoided ? 10
 - (c) Distinguish between conversion, obversion and contrapositive. 10
 - (d) What are the rules of logical division ? Describe. 10

4. Answer *any four* of the following in about 150 words each :

- (a) Describe the general rules of categorical syllogism. 5
- (b) What is conditional proof ? Discuss. 5
- (c) What are the kinds of generalizations ? 5
- (d) Explain special canons of Fig - 1. 5
- (e) Describe the fallacy of *petitio principii* (begging the question). 5
- (f) What do you understand by the distribution of terms ? Explain. 5

5. Write short notes on *any five* of the following in about 100 words each :
- (a) Inclusive and exclusive Disjunction. 4
 - (b) Describe 'Concept' and 'Word'. 4
 - (c) Explain 'definition'. 4
 - (d) Categorical Proposition. 4
 - (e) Fallacy. 4
 - (f) Differentiate between connotation and denotation. 4
 - (g) Briefly explain the meaning of major term, minor term, and middle term. 4
 - (h) Define syllogism. 4
-